

# Converting Colors

Hex(135A66)

Have a look what the booklet for  
Hex(135A66) contains.

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# Color

Hex(135A66)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	135A66
RGB	19, 90, 102
RGB Percent	7%, 35%, 40%
CMY	0.9255, 0.6471, 0.6000
CMYK	0.81, 0.12, 0.00, 0.60
HSL	189°, 69%, 24%
HSV	189°, 81%, 40%
XYZ	6.3230, 8.4101, 13.8604
YIQ	70.1390, -46.1680, -11.3200

# Conversions

## Conversions Part 2

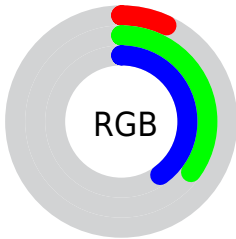
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 57, 102
Decimal	1268326
CIELab	34.82, -16.47, -12.98
CIElCh	35, 20.970, 218.253
Yxy	8.4101, 0.2211, 0.2941
Android (android.graphics.Color)	4279458406 (0xFF135A66)
YUV	70.1390, 15.7075, -44.8489
Hunter-Lab	29.0001, -11.8313, -8.0372

# Details

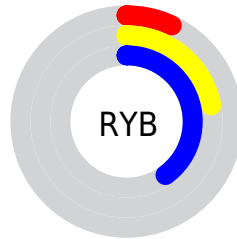
The Hex color **135A66** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **661F13**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4E8C99**, and **002C37** is the 20% darker color. If you saturate the color by 10%, you get **095966**, and if you desaturate by 10%, it is **1D5B66**.

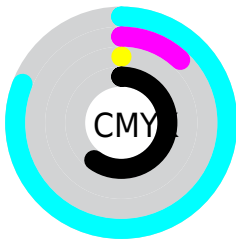
# Distribution



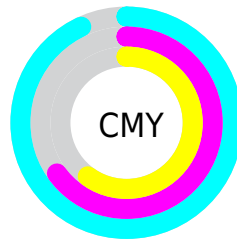
- Red (7%)
- Green (35%)
- Blue (40%)



- Red (7%)
- Yellow (22%)
- Blue (40%)



- Cyan (81%)
- Magenta (12%)
- Yellow (0%)
- Black (60%)



- Cyan (93%)
- Magenta (65%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 135A66 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 135A66 by changing the saturation by 10% instead.



135A66

135A66

FFFFFF

00424E

4E8C99

002C37

69A7B4

001922

84C2CF

00000A

A0DEEC

000000

BCFBFF

D8FFFF

F5FFFF

135A66

135A66

■ 095966

■ 1D5B66

■ 005766

■ 275D66

■ 325E66

■ 3C6066

■ 466166

■ 506366

■ 5A6466

■ 656666

■ 6F6766

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1D5B56



135A66



265771

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



135A66



6B475F



595231

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



135A66



661F13

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



674D33



135A66



72454E

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



135A66



5A4C6C



71473E



465737

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



135A66



395473



71473E



5E5130



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



135A66



658085



13661E



2F4042



C2C2C2



424242



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135A66



037285



133166



2E3233



006273



00CFF2



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66135A



850372



664813



332E32



730062

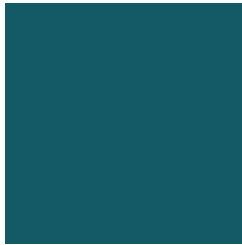


F200CF



# Previews

## White Background



This preview shows how the Hex color 135A66 looks on a white background.

## Color Contrast Check

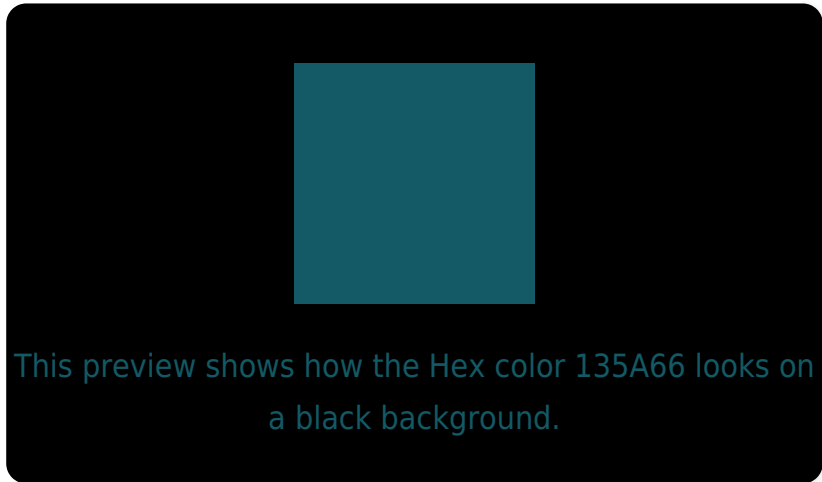
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

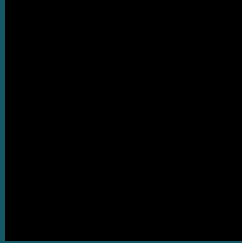
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 135A66 Background



This preview shows how black text looks on a background with the Hex color 135A66.

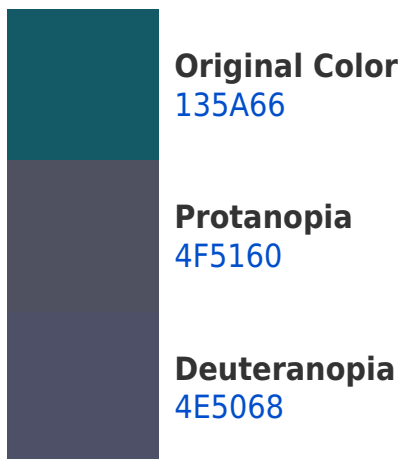


This preview shows how white text looks on a background with the Hex color 135A66.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

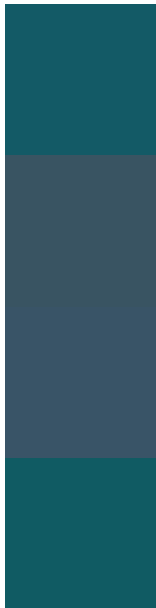
## Dichromacy





**Tritanopia**  
0E5B62

# Trichromacy



**Original Color**  
135A66

**Protanomaly**  
395462

**Deuteranomaly**  
395467

**Tritanomaly**  
105B63

# Monochromacy



**Original Color**  
135A66

**Achromatopsia**  
464646

**Achromatomaly**  
334D52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 135A66 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #135A66 looks like.

```
.text, #text, p{  
    color:#135A66  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #135A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135A66  
}
```

## Border

The CSS property to change the border of an element to Hex 135A66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#135A66 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#135A66 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #135A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135A66; -webkit-box-shadow:4px 4px  
4px 4px #135A66; box-shadow:4px 4px 4px  
4px #135A66 }
```

# Background

The CSS property to change the background color of an element to Hex 135A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135A66 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#135A66 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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